

Title (en)
WORK MACHINE

Title (de)
ARBEITSMASCHINE

Title (fr)
ENGIN DE CHANTIER

Publication
EP 3795757 A1 20210324 (EN)

Application
EP 19922071 A 20190328

Priority
JP 2019013839 W 20190328

Abstract (en)
[origin: WO2020194732A1] A work machine is provided with which it is possible to drive an actuator faster and more accurately by accurately supplying a target flow rate to the actuator regardless of load fluctuation when a vehicle body is autonomously controlled by instruction input from a controller, while ensuring high operability when an operator performs manual operation. The controller controls a plurality of auxiliary flow rate control devices so that, when deactivation of a region limit control function is indicated, the supply flow rate from a hydraulic pump to a plurality of direction control valves varies according to the load fluctuation of a plurality of hydraulic actuators, and when activation of the region limit control function is indicated, the controller controls the plurality of auxiliary flow rate control devices so that the supply flow rate from the hydraulic pump to the plurality of direction control valves does not vary according to the load fluctuation of the plurality of hydraulic actuators.

IPC 8 full level
E02F 9/22 (2006.01)

CPC (source: EP KR US)
E02F 3/439 (2013.01 - EP); **E02F 9/123** (2013.01 - EP); **E02F 9/2033** (2013.01 - EP); **E02F 9/2203** (2013.01 - EP); **E02F 9/2221** (2013.01 - KR); **E02F 9/2228** (2013.01 - EP US); **E02F 9/2235** (2013.01 - EP); **E02F 9/2242** (2013.01 - EP); **E02F 9/2267** (2013.01 - KR US); **E02F 9/2282** (2013.01 - EP); **E02F 9/2285** (2013.01 - EP KR US)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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EP 3795757 A1 20210324; **EP 3795757 A4 20220302**; **EP 3795757 B1 20240214**; CN 112313381 A 20210202; CN 112313381 B 20220603; JP 6903250 B2 20210714; JP WO2020194732 A1 20210913; KR 102413519 B1 20220627; KR 20210013201 A 20210203; US 11149410 B2 20211019; US 2021254309 A1 20210819; WO 2020194732 A1 20201001

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EP 19922071 A 20190328; CN 201980041984 A 20190328; JP 2019013839 W 20190328; JP 2021508654 A 20190328; KR 20207037263 A 20190328; US 201917252129 A 20190328